



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

D2199-31

Job Sheet 199989



Part No: D2199-31

Job Qty: 4 pcs

Part Name: Strut Details



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 9/5/19

Job Tracking No:

Due Date: 9/26/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV F IPP REV:A 15.02.05 NEW ISSUE DD VERF:JLM

Ship Via:

## Bill of Materials

## Job Routing

| Op No | Operation                      | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off                         |
|-------|--------------------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|----------------------------------|
|       |                                |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |                                  |
| 110   | Small Fab - Brake NC           | 4 pcs | 9/26/19    |          | 0.48      | 1.23    | Small Fab - Brake - 1 |           | DAS<br>58<br>SEP 27 2019         |
|       |                                |       |            |          |           |         | Small Fab - Brake - 2 |           |                                  |
|       |                                |       |            |          |           |         | Small Fab - Brake - 3 |           |                                  |
| 120   | QC 5                           | 4 pcs | 9/26/19    |          | 0.00      | 0.00    | QC 5 - 10             |           | DAS<br>40<br>OCT 03 2019<br>9-89 |
|       |                                |       |            |          |           |         | QC 5 - 12             |           |                                  |
|       |                                |       |            |          |           |         | QC 5 - 17             |           |                                  |
|       |                                |       |            |          |           |         | QC 5 - 18             |           |                                  |
|       |                                |       |            |          |           |         | QC 5 - 19             |           |                                  |
|       |                                |       |            |          |           |         | QC 5 - 22             |           |                                  |
|       |                                |       |            |          |           |         | QC 5 - 24             |           |                                  |
|       |                                |       |            |          |           |         | QC 5 - 3              |           |                                  |
|       |                                |       |            |          |           |         | QC 5 - 43             |           |                                  |
|       |                                |       |            |          |           |         | QC 5 - 49             |           |                                  |
|       |                                |       |            |          |           |         | QC 5 - 51             |           |                                  |
|       |                                |       |            |          |           |         | QC 5 - 58             |           |                                  |
|       |                                |       |            |          |           |         | QC 5 - 68             |           |                                  |
|       |                                |       |            |          |           |         | QC 5 - 9              |           |                                  |
|       |                                |       |            |          |           |         | QC 5 - 50             |           |                                  |
|       |                                |       |            |          |           |         | QC 5 - 30             |           |                                  |
|       |                                |       |            |          |           |         | QC 5 - 40             |           |                                  |
|       |                                |       |            |          |           |         | QC 5 - 61             |           |                                  |
|       |                                |       |            |          |           |         | QC 5 - 81             |           |                                  |
| 130   | Powdercoat - 3 Grey Sand - B4B | 4 pcs | 9/26/19    |          | 0.00      | 0.17    | Powdercoat - 1 - B4B  |           | BL 19 10-7                       |
|       |                                |       |            |          |           |         | Powdercoat - 2 - B4B  |           |                                  |
|       |                                |       |            |          |           |         | Powdercoat - 3 - B4B  |           |                                  |
|       |                                |       |            |          |           |         | Powdercoat - 4 - B4B  |           |                                  |
| 140   | QC 3                           | 4 pcs | 9/26/19    |          | 0.00      | 0.00    | QC 3 - 10             |           |                                  |
|       |                                |       |            |          |           |         | QC 3 - 13             |           |                                  |
|       |                                |       |            |          |           |         | QC 3 - 15             |           |                                  |
|       |                                |       |            |          |           |         | QC 3 - 17             |           |                                  |
|       |                                |       |            |          |           |         | QC 3 - 18             |           |                                  |

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|     |                             |   |         |           |                        |          |
|-----|-----------------------------|---|---------|-----------|------------------------|----------|
|     |                             |   |         |           | QC 3 - 2               |          |
|     |                             |   |         |           | QC 3 - 28              |          |
|     |                             |   |         |           | QC 3 - 3               |          |
|     |                             |   |         |           | QC 3 - 30              |          |
|     |                             |   |         |           | QC 3 - 34              |          |
|     |                             |   |         |           | QC 3 - 36              |          |
|     |                             |   |         |           | QC 3 - 41              |          |
|     |                             |   |         |           | QC 3 - 51              |          |
|     |                             |   |         |           | QC 3 - 58              |          |
|     |                             |   |         |           | QC 3 - 59              |          |
|     |                             |   |         |           | QC 3 - 68              |          |
|     |                             |   |         |           | QC 3 - 9               |          |
|     |                             |   |         |           | QC 3 - 40              |          |
|     |                             |   |         |           | QC 3 - 19              |          |
|     |                             |   |         |           | QC 3 - 43              |          |
|     |                             |   |         |           | QC 3 - 24              | DAS      |
|     |                             |   |         |           | QC 3 - 61              | 61       |
|     |                             |   |         |           | QC 3 - 81              | 9-89     |
| 150 | Packaging 3-1 - Stock - B4B | 4 | 9/26/19 | 0.00 0.00 | Packaging 3 - 1 - B4B  |          |
|     | pcs                         |   |         |           | Packaging 3 - 2 - B4B  |          |
|     |                             |   |         |           | Packaging 3 - 3 - B4B  |          |
|     |                             |   |         |           | Packaging 3 - 4 - B4B  |          |
|     |                             |   |         |           | Packaging 3 - 5 - B4B  |          |
|     |                             |   |         |           | Packaging 3 - 6 - B4B  |          |
|     |                             |   |         |           | Packaging 3 - 7 - B4B  |          |
|     |                             |   |         |           | Packaging 3 - 8 - B4B  |          |
|     |                             |   |         |           | Packaging 3 - 9 - B4B  |          |
|     |                             |   |         |           | Packaging 3 - 10 - B4B |          |
|     |                             |   |         |           | Packaging 3 - 11 - B4B |          |
|     |                             |   |         |           | Packaging 3 - 12 - B4B |          |
|     |                             |   |         |           | Packaging 3 - 13 - B4B |          |
|     |                             |   |         |           | Packaging 3 - 14 - B4B |          |
|     |                             |   |         |           | Packaging 3 - 15 - B4B |          |
|     |                             |   |         |           | Packaging 3 - 16 - B4B |          |
|     |                             |   |         |           | Packaging 3 - 17 - B4B |          |
|     |                             |   |         |           | Packaging 3 - 18 - B4B |          |
|     |                             |   |         |           | Packaging 3 - 19 - B4B |          |
|     |                             |   |         |           | Packaging 3 - 20 - B4B |          |
|     |                             |   |         |           | Packaging 3 - 21 - B4B |          |
|     |                             |   |         |           | Packaging 3 - 22 - B4B |          |
|     |                             |   |         |           | Packaging 3 - 23 - B4B | PC WAD=1 |
|     |                             |   |         |           | Packaging 3 - 24 - B4B |          |
|     |                             |   |         |           | Packaging 3 - 25 - B4B |          |
|     |                             |   |         |           | Packaging 3 - 26 - B4B |          |
|     |                             |   |         |           | Packaging 3 - 27 -     |          |

|                                                                                                                                                                                                                                                                                                                                                                                                                               |                             |                    |                          |                        |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------|--------------------------|------------------------|------|
|                                                                                                                                                                                                                                                                                                                                                                                                                               |                             |                    |                          | B4B                    |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                               |                             |                    |                          | Packaging 3 - 28 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                               |                             |                    |                          | Packaging 3 - 29 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                               |                             |                    |                          | Packaging 3 - 30 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                               |                             |                    |                          | Packaging 3 - 31 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                               |                             |                    |                          | Packaging 3 - 32 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                               |                             |                    |                          | Packaging 3 - 33 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                               |                             |                    |                          | Packaging 3 - 34 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                               |                             |                    |                          | Packaging 3 - 35 - B4B |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                               |                             |                    |                          | Packaging 3 - 36 - B4B |      |
| 160 QC 21 - SA                                                                                                                                                                                                                                                                                                                                                                                                                | 4                           | 9/26/19            | 0.00 0.00                | QC 21 - SA - 21        | DAS  |
|                                                                                                                                                                                                                                                                                                                                                                                                                               | pcs                         |                    |                          | QC 21 - SA - 70        | 21   |
|                                                                                                                                                                                                                                                                                                                                                                                                                               |                             |                    |                          | QC 21 - SA - 53        | 9-22 |
| <p>Part Op 110 - (Punch ends and deburr as per dwg) Punch per Dwg D2199 and Spec Control Dwg D2638</p> <p>Descriptions: 120 - (QC5- Inspect part completeness to step on W/O)</p> <p>130 - (Grey Sandtex(Ref:4.3.5.6) per QSI005 4.3) START TIME: _____</p> <p>140 - (QC3- Inspect Part Finish)</p> <p>150 - (Identify as per dwg &amp; Stock Location: _____)</p> <p>160 - (QC21- Final Inspection - Work Order Release)</p> |                             |                    |                          |                        |      |
| <b>Job BOM</b>                                                                                                                                                                                                                                                                                                                                                                                                                |                             |                    |                          |                        |      |
| <b>Part / Item</b>                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Component Name</b>       | <b>Quantity</b>    | <b>Operation</b>         | <b>Container</b>       |      |
| M304TR0.750W.049                                                                                                                                                                                                                                                                                                                                                                                                              | 304 Round Tube .750 X .049W | 5.2000 ft (1.3 ea) | 110-Small Fab - Brake NC | 205919                 |      |
| <b>Job Allocations</b>                                                                                                                                                                                                                                                                                                                                                                                                        |                             |                    |                          |                        |      |
| <b>Operation</b>                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Component Part</b>       | <b>Required</b>    | <b>Inventory</b>         | <b>Allocated</b>       |      |
| 110-Small Fab - Brake NC                                                                                                                                                                                                                                                                                                                                                                                                      | M304TR0.750W.049            | 5                  | 299                      | 0                      |      |
| <b>Part Specifications</b>                                                                                                                                                                                                                                                                                                                                                                                                    |                             |                    |                          |                        |      |
| Specifications could not be found.                                                                                                                                                                                                                                                                                                                                                                                            |                             |                    |                          |                        |      |

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Entered: \_\_\_\_\_ Date: \_\_\_\_\_

## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

Route update only

NCR No. \_\_\_\_\_

Job: \_\_\_\_\_

Part No. \_\_\_\_\_

### DISPOSITION

Rework ☐ ☐ ☐  
Scrap ☐ ☐ ☐  
Use-as-is ☐ ☐ ☐

### DEPARTMENT/PROCESS

Cross tube ☐ ☐ ☐  
Small Fab ☐ ☐ ☐  
Finishing ☐ ☐ ☐

Skid-tube ☐ ☐ ☐  
Machining ☐ ☐ ☐  
Large Fab ☐ ☐ ☐

Eng. (Non-AW) ☐ ☐ ☐  
Prod. Eng. Coord. ☐ ☐ ☐  
Rec/Store/Packaging ☐ ☐ ☐

Engineering ☐ ☐ ☐  
Water Jet ☐ ☐ ☐  
Supplier ☐ ☐ ☐  
Quality ☐ ☐ ☐

Date: \_\_\_\_\_

Sequence #: \_\_\_\_\_

QTY Affected: \_\_\_\_\_

MRB (QSI042)

### Description Work Order Deviation

### Disposition

Completed By \_\_\_\_\_

Lead hand / Supervisor \_\_\_\_\_

QC / QA Coordinator \_\_\_\_\_

### Root Cause

Operator ☐ ☐ ☐  
Manufacturing Process ☐ ☐ ☐  
Equip/Tooling ☐ ☐ ☐  
Handling/Preservation ☐ ☐ ☐  
Material ☐ ☐ ☐  
Product Improvement ☐ ☐ ☐  
Process Improvement ☐ ☐ ☐  
Human Factors ☐ ☐ ☐

### FAULT CATEGORY

| Pressure/Forced              | Contamination                   | Power Loss/Surge         | Positioned Wrong         |
|------------------------------|---------------------------------|--------------------------|--------------------------|
| <input type="checkbox"/>     | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Bending                      | Misaligned/off center           | Folio/Program            | Outside Tolerance        |
| <input type="checkbox"/>     | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Crushing                     | BOM/Route                       | Grain Direction          | Drawing                  |
| <input type="checkbox"/>     | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Cracks                       | Broken/Damage/Defect            | Weld                     | Finish                   |
| <input type="checkbox"/>     | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Crimp/Kink/Ripple/Wave/Twist | Incomplete/Unclear Instructions | Wrong Stock Pulled       | Part Lost/Missing        |
| <input type="checkbox"/>     | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Marks/Chatter                | Drill Holes                     | Out of Sequence          | Misread                  |
| <input type="checkbox"/>     | <input type="checkbox"/>        | <input type="checkbox"/> | <input type="checkbox"/> |
| Mislabeled                   | Fit/Function                    | Off-set/Set-up           |                          |
| <input type="checkbox"/>     | <input type="checkbox"/>        | <input type="checkbox"/> |                          |

Other/Details: \_\_\_\_\_